

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/049,988  
Source: Ref/10  
Date Processed by STIC: 3/5/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**  
**VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

### Raw Sequence Listing Error Summary

10/.049,988



PCT/0

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/049,988

DATE: 03/05/2002  
 TIME: 14:00:57

Input Set : A:\seqlist-1.txt  
 Output Set: N:\CRF3\03052002\J049988.raw

*1, 3-6*  
**Does Not Comply**  
**Corrected Diskette Needed**

3 <110> APPLICANT: Biosyn Arzneimittel GmbH  
 5 <120> TITLE OF INVENTION: Nucleic acid molecule comprising a nucleic acid sequence  
 6 which codes for a haemocyanin, and comprising at least one  
 7 intron sequence  
 9 <130> FILE REFERENCE: PCT1220-01966  
 11 <140> CURRENT APPLICATION NUMBER: US/10/049,988  
 12 <141> CURRENT FILING DATE: 2002-02-20  
 14 <160> NUMBER OF SEQ ID NOS: 108  
 16 <170> SOFTWARE: PatentIn Ver. 2.1

## ERRORED SEQUENCES

412 <210> SEQ ID NO: 15  
 413 <211> LENGTH: 1546  
 414 <212> TYPE: DNA  
 415 <213> ORGANISM: *Haliotis tuberculata*  
 417 <400> SEQUENCE: 15  
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 419 acactttcat cgtaaagaa ttgatttcgt gtccctggat gaagcaaaac acttgaaaga 120  
 420 tgccttttac aagctacaga acgaccacag tctaacggga tacgaagcaa tctctggta 180  
 421 ccatgggata cccaatctgt gtccggaaga aggcgatgac aaaatacccc tgcctgcgtcc 240  
 422 ccgcatgggc atctttctct actggcacag actcttgacc atccaactcg aaagagctct 300  
 423 tgagacacaat ggtgcactgc ttggtgttcc ttaactggga tgggaacaag acctgtctgc 360  
 424 actgcgcggc ttctttctcc actccagcaa caacaatccc taactcaagt accacatcgc 420  
 425 cgggtgttgt cagcagaccg tcagagagcc aactagtctt atatataacc agccccaaat 480  
 426 ccatgtttat gattatctct attactagc attgaccacg ctggaagaaa acaattactg 540  
 427 ggactttgag gtccagtatg agatcctcca caacgcgcgc cactcctggc ttggaggatc 600  
 428 ccagaagtat tccatgtcta cctcgagata ttggccttt gaccctgtct ttagatctct 660  
 429 tcaactcggg ctgacagacg ttgggatcat ctggcaagaa cttcagaaga tcaggagaaa 720  
 430 gccctacaac ctgcataaat gtgcttatca tatgatggaa gagccactgg cgcctctcag 780  
 431 ctatccatct atcaaccagg acgagttcac ccgtgccaac tccaagcctt ctacagtttt 840  
 432 tgacagccat aagtctggct accattacga taacctgaat gttagaggtc acagcatcca 900  
 433 agaactcaac acaatcatca atgacttgag aaacacagac agaactctac caggatttgt 960  
 434 ttgtgcagcg atcggtaagt ctgctagtgt caagatctat ctccgaacag atgacaatga 1020  
 435 cgaagaagtt ggaactttca ctgtcctggg aggagagagg gaaatgccat gggcctacga 1080  
 436 gcgagttttc aagtatgaca tcacagaggt tgcagataga cttaaaatta agttatggg 1140  
 437 acacccttta acttcgggaa ctggagatca catccttacg aatggaatcg gtggtaaaaa 1200  
 438 agagcctaac caaatccttt catcatctac agactctgca atcatgacta cgaatgttct 1260  
 E--> 439 gttatccag tgggaaga accttcaact cctcccaaaa gtgtcgtca agaaaggcac 1320  
 440 ccgcatcgag ttccaccag tcgatgatct agttacgaga ccagttgttg atcttggag 1380  
 441 ctacactgac cctttcaact gtgtggtaac acccgttaca taccacgat tcgaactgaa 1440  
 442 ccacgtctat tctgtcaagc ctggtgacta ctatgttaac ggaccaacga gagaccttg 1500

*see*  
*item 9 on*  
*Eno*  
*Summary sheet*

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/049,988

DATE: 03/05/2002  
 TIME: 14:00:57

Input Set : A:\seqlist-1.txt  
 Output Set : N:\CRF3\03052002\J049988.raw

443 ccagaatgca gatgtcagga ttcatatcca tgttgaggat gtagtaa 1546  
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 1857 <212> TYPE: PRT  
 1858 <213> ORGANISM: Haliotis tuberculata p. 3  
 1860 <400> SEQUENCE: 39  
 1861 Gly Ala His Arg Gly Pro Val Glu Glu Thr Glu Val Thr Arg Gln His  
 1862 1 5 10 15  
 1864 Thr Asp Gly Asn Ala His Phe His Arg Lys Glu Val Asp Ser Leu Ser  
 1865 20 25 30  
 1867 Leu Asp Glu Ala Asn Asn Leu Lys Asn Ala Leu Tyr Lys Leu Gln Asn  
 1868 35 40 45  
 1870 Asp His Ser Leu Thr Gly Tyr Glu Ala Ile Ser Gly Tyr His Gly Tyr  
 1871 50 55 60  
 1873 Pro Asn Leu Cys Pro Glu Glu Gly Asp Asp Lys Ile Pro Leu Leu Arg  
 1874 65 70 75 80  
 1876 Pro Arg Met Gly Ile Phe Pro Tyr Trp His Arg Leu Leu Thr Ile Gln  
 1877 85 90 95  
 1879 Leu Glu Arg Ala Leu Glu His Asn Gly Ala Leu Leu Gly Val Pro Tyr  
 1880 100 105 110  
 1883 Trp Asp Trp Asn Lys Asp Leu Ser Ser Leu Pro Ala Phe Phe Ser Asp  
 1884 115 120 125  
 1886 Ser Ser Asn Asn Asn Pro Tyr Phe Lys Tyr His Ile Ala Gly Val Gly  
 1887 130 135 140  
 1889 His Asp Thr Val Arg Glu Pro Thr Ser Leu Ile Tyr Asn Gln Pro Gln  
 1890 145 150 155 160  
 1892 Ile His Gly Tyr Asp Tyr Leu Tyr Tyr Leu Ala Leu Thr Thr Leu Glu  
 1893 165 170 175  
 1895 Glu Asn Asn Tyr Trp Asp Phe Glu Val Gln Tyr Glu Ile Leu His Asn  
 1896 180 185 190  
 1898 Ala Val His Ser Trp Leu Gly Gly Ser Gln Lys Tyr Ser Met Ser Thr  
 1899 195 200 205  
 1901 Leu Glu Tyr Ser Ala Phe Asp Pro Val Phe Met Ile Leu His Ser Gly  
 1902 210 215 220  
 1904 Leu Asp Arg Leu Trp Ile Ile Trp Gln Glu Leu Gln Lys Ile Arg Arg  
 1905 225 230 235 240  
 1907 Lys Pro Tyr Asn Phe Ala Lys Cys Ala Tyr His Met Met Glu Glu Pro  
 1908 245 250 255  
 1910 Leu Ala Pro Phe Ser Tyr Pro Ser Ile Asn Gln Asp Glu Phe Thr Arg  
 1911 260 265 270  
 1913 Ala Asn Ser Lys Pro Ser Thr Val Phe Asp Ser His Lys Phe Gly Tyr  
 1914 275 280 285  
 1916 His Tyr Asp Asn Leu Asn Val Arg Gly His Ser Ile Gln Glu Leu Asn  
 1917 290 295 300  
 1919 Thr Ile Ile Asn Asp Leu Arg Asn Thr Asp Arg Ile Tyr Ala Gly Phe  
 1920 305 310 315 320  
 1922 Val Leu Ser Gly Ile Gly Thr Ser Ala Ser Val Lys Ile Tyr Leu Arg  
 1923 325 330 335  
 1925 Thr Asp Asp Asn Asp Glu Glu Val Gly Thr Phe Thr Val Leu Gly Gly

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/049,988

DATE: 03/05/2002  
TIME: 14:00:57

Input Set : A:\seqlist-1.txt  
Output Set : N:\CRF3\03052002\J049988.raw

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1926          340          345          350
1928 Glu Arg Glu Met Pro Trp Ala Tyr Glu Arg Val Phe Lys Tyr Asp Ile
1929          355          360          365
1931 Thr Glu Val Ala Asp Arg Leu Lys Ile Lys Leu Trp Gly His Pro Leu
1932          370          375          380
1934 Thr Ser Ser Gly Thr Gly Asp His Ile Leu Thr Asn Gly Ile Gly Gly Lys
1935 385          390          395          400
1937 Gln Glu Pro Thr Gln Ile Leu Ser Ser Ser Thr Asp Leu Pro Ile Met
1938          405          410          415
E--> 1940 Thr Thr Met Phe Leu Leu Ser Gln Xaa Gly Arg Asn Leu His Ile Pro item9
1941          420          425          430
1943 Pro Lys Val Val Val Lys Lys Gly Thr Arg Ile Glu Phe His Pro Val
1944          435          440          445
1946 Asp Asp Ser Val Thr Arg Pro Val Val Asp Leu Gly Ser Tyr Thr Ala
1947          450          455          460
1949 Leu Phe Asn Cys Val Val Pro Pro Phe Thr Tyr His Gly Phe Glu Leu
1950 465          470          475          480
1952 Asn His Val Tyr Ser Val Lys Pro Gly Asp Tyr Tyr Val Thr Gly Pro
1953          485          490          495
1955 Thr Arg Asp Leu Cys Gln Asn Ala Asp Val Arg Ile His Ile His Val
1956          500          505          510
1958 Glu Asp Glu
1959          515
2852 <210> SEQ ID NO: 62
2853 <211> LENGTH: 1185
2854 <212> TYPE: DNA
2855 <213> ORGANISM: Haliotis tuberculata
2857 <400> SEQUENCE: 62
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2859 agaacctgag gcattgctctg caaagcgtga tggatgatga tggacccaat ggattccagg 120
E--> 2860 caattgctgc ttatcacgga agtctctcca tgggtccaat ggtgatggt agagacgttg 180
2861 catgttgtac tcatgggaat gcatctttcc ctcactggca cagactgttt gtgaaacaga 240
2862 tggaggatgc actggctgcg catggagctc acattggcat accatactgg gattggacaa 300
2863 gtgcgtttag tcatctgcct gccctagtag ctgaccaaga gcacaaatccc ttcccaccag 360
2864 gacatattgc tcatcggaat ttggatacat ctgatctcc gagagacatg ctgttcaatg 420
2865 acccgcaaga cgggtcagaa tcatctctct atagacaggt tctcttggtc ctgaaacaga 480
2866 cagactctgc ccaatttgaa gtccagtttg aaataacaca caatgcaatc cactcttgga 540
2867 ctggaggaca tactccatat ggaatgtcat cactggaata tacagcatat gatccactct 600
2868 ttatctccca ccattccaac actgatcgta tctgggccat ctggcaggca ctccagaagt 660
2869 acagaggttt tcaatacaac gcagctcatt gcgatatcca ggttctgaaa caacctctta 720
2870 aaccattcag cgaattccagg aatccaaacc cagtcaccag agccaattct agggcagtcg 780
2871 attcatttga ttatgagaga ctcaattatc aatatgacac acttaacctc caccgacatt 840
2872 ctatctcaga acttgatgcc atgcttcaag agagaaagaa ggaagagaga acatttgcag 900
2873 cttctcggtt gaacggattt ggcgcagagt ctgatgttcc gtltgatgtc tgacacactg 960
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2876 actatgattc tgagttccac tttagattga agattgttgg cacagatgga acagaactgc 1140
2877 catcgatgc tatcaagagc cctaccattg aacacatagg agggag 1185
4137 <210> SEQ ID NO: 79

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/10/049,988

DATE: 03/05/2002  
 TIME: 14:00:57

Input Set : A:\seqlist-1.txt  
 Output Set: N:\CRF3\03052002\J049988.raw

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4138 <211> LENGTH: 395
4139 <212> TYPE: PRT
4140 <213> ORGANISM: Megathura crenulata
4142 <400> SEQUENCE: 79
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4144 1 5 10 15
4146 Ala Ser Glu Ile Glu Asn Leu Arg His Ala Leu Gln Ser Val Met Asp
4147 20 25 30
4149 Asp Asp Gly Pro Asn Gly Phe Gln Ala Ile Ala Ala Tyr His Gly Ser
4150 35 40 45
E--> 4152 Pro Pro Met Cys His Met Xaa Asp Gly Arg Asp Val Ala Cys Cys Thr
4153 50 55 60
4155 His Gly Met Ala Ser Phe Pro His Trp His Arg Leu Phe Val Lys Gln
4156 65 70 75 80
4158 Met Glu Asp Ala Leu Ala Ala His Gly Ala His Ile Gly Ile Pro Tyr
4159 85 90 95
4161 Trp Asp Trp Thr Ser Ala Phe Ser His Leu Pro Ala Leu Val Thr Asp
4162 100 105 110
4164 His Glu His Asn Pro Phe His His Gly His Ile Ala His Arg Asn Val
4165 115 120 125
4167 Asp Thr Ser Arg Ser Pro Arg Asp Met Leu Phe Asn Asp Pro Glu His
4168 130 135 140
4170 Gly Ser Glu Ser Phe Phe Tyr Arg Gln Val Leu Leu Ala Leu Glu Gln
4171 145 150 155 160
4173 Thr Asp Phe Cys Gln Phe Glu Val Gln Phe Glu Ile Thr His Asn Ala
4174 165 170 175
4176 Ile His Ser Trp Thr Gly Gly His Thr Pro Tyr Gly Met Ser Ser Leu
4177 180 185 190
4179 Glu Tyr Thr Ala Tyr Asp Pro Leu Phe Tyr Leu His His Ser Asn Thr
4180 195 200 205
4182 Asp Arg Ile Trp Ala Ile Trp Gln Ala Leu Gln Lys Tyr Arg Gly Phe
4183 210 215 220
4185 Gln Tyr Asn Ala Ala His Cys Asp Ile Glu Val Leu Lys Gln Pro Leu
4186 225 230 235 240
4188 Lys Pro Phe Ser Glu Ser Arg Asn Pro Asn Pro Val Thr Arg Ala Asn
4189 245 250 255
4191 Ser Arg Ala Val Asp Ser Phe Asp Tyr Glu Arg Leu Asn Tyr Gln Tyr
4192 260 265 270
4194 Asp Thr Leu Thr Phe His Gly His Ser Ile Ser Glu Leu Asp Ala Met
4195 275 280 285
4197 Leu Gln Glu Arg Lys Lys Glu Glu Arg Thr Phe Ala Ala Phe Leu Leu
4198 290 295 300
4200 His Gly Phe Gly Ala Ser Ala Asp Val Ser Phe Asp Val Cys Thr Pro
4201 305 310 315 320
4203 Asp Gly His Cys Ala Phe Ala Gly Thr Phe Ala Val Leu Gly Gly Glu
4204 325 330 335
4206 Leu Glu Met Pro Trp Ser Phe Glu Arg Leu Phe Arg Tyr Asp Ile Thr
4207 340 345 350
4209 Lys Val Leu Lys Gln Met Asn Leu His Tyr Asp Ser Glu Phe His Phe

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Item 9

## RAW SEQUENCE LISTING

PATENT APPLICATION: \*US/10/049,988

DATE: 03/05/2002

TIME: 14:00:57

Input Set : A:\seqlist-1.txt

Output Set : N:\CRF3\03052002\J049988.raw

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4210          355          360          365
4212 Glu Leu Lys Ile Val Gly Thr Asp Gly Thr Glu Leu Pro Ser Asp Arg
4213          370          375          380
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4216 385          390          395
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4638 <211> LENGTH: 1548
4639 <212> TYPE: DNA
4640 <213> ORGANISM: Haliotis tuberculata
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4645 aatgcccttt acaagctaca gaacgaccac agtctaacgg gatacgaagc aatctctggt 180
4646 taccatggat accccaatct gtgtccggaa gaaggcgatg acaaaaatac cctgctgcgt 240
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4648 cttgagcaca atggtgcact gcttgggtgt ccttactggg actggaacaa ggacctgtcg 360
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4653 tcccagaagt attccatgtc taccctggag tattcgccct ttgacctgtg ctttatgatc 660
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4656 agcatatccat ctatcaacca ggacgagttc acccgtgcc aactccaagg cttctacagt 840
4657 tttagacagc ataagtctcg ctaccattac gataaactga atgttagagg tccagcattc 900
4658 caagaactoca acacaatcat caatgacttg agaaaacacg acagaatctg ccaggattt 960
4659 gtttgtgtao gcatcggtac gtctgctagt gtcaagatct atctccgaac agatgacaat 1020
4660 gacgagaaga ttggaacttt cactgtcctg ggaggagaga gggaaatgcc atgggctac 1080
4661 gaggcgattt tcaagtatga catcacagag gttagagata gacttaaaat taagtattg 1140
4662 ggacacccct taactctcgg aactggagat cacatcttta cgaatggaat cgggtgtaa 1200
4663 caagagccta cccaatctt ttcatcatc acagacctgc caatcatgac tacgatgtc 1260
E--> 4664 ttgttatccc agtanggaag aaaccttcc atccctccca aagtgtctgt caagaaaggg 1320
4665 acccgcatcg agttccaccc agtcgatgat tcaagttaca gaccagttgt tgatcttgga 1380
4666 agctacactg cactcttcaa ctgtgtggta ccaccgttca cataccacgg attcgaaact 1440
4667 aaccagctct attctgtcaa gcctggtagc tactatgtta ttggaccacc gagagacctt 1500
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4962 <211> LENGTH: 1185
4963 <212> TYPE: DNA
4964 <213> ORGANISM: Megathura crenulata
4966 <400> SEQUENCE: 107
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4968 gagaacctga ggcattgctc gcaagagcgt atggatgatg atggacccaa tggattccag 120
E--> 4969 gcaattgctg cttatcaagg aagtcctccc atgtgtaca tgctgatgtg tagagacgtt 180
4970 gcatgttgta ctoatggaat ggcattcttc cctcactggc acagactggt tgtgaaacag 240
4971 atggagagtg cactggctcg gcatggagct cacattggca taccatactg ggaattggca 300
4972 agtgcgttta gtcatctgcc tgccctagtg actgaccaag agcacaatcc cttccaccac 360
4973 ggacatatatt gctcatcgaa tgtggataca tctcgatctc cgagagacat gctgttcaat 420
4974 gaccccgaa acgggtcaga atcatctctc tatagacagg ttctcttgcc tctagaacag 480

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RAW SEQUENCE LISTING DATE: 03/05/2002  
 PATENT APPLICATION: \*US/10/049,988 TIME: 14:00:58

Input Set : A:\seqlist-1.txt  
 Output Set: N:\CRF3\03052002\J049988.raw

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4977 ttttatctcc accattccaa cactgatcgt atctgggcca tctggcaggc actccagaaa 660
4978 tacagagggt ttcaatacaa cgcagctcat tgcgatatcc aggttctgaa acaacctctt 720
4979 aaaccattca gcgagtccag gaatccaaac ccagtcacca gagccaattc tagggcagtc 780
4980 gattcatttg attatgagag actcaattat caatatgaca cacttacott ccacggacat 840
4981 tctatctcag aacttgatgc catgcttcaa gagagaaaga aggaagagag aacatttgca 900
4982 gccttctcgt tgcaaggatt tggcgccagt gctgatgttt cgtttgatgt ctgcacacct 960
4983 gatggtcatt gtgcctttgc tggaaacctc gcggtacttg gtggggagct tgagatgcc 1020
4984 tggtccttgg aaagattgtt ccgttacgat atcacaagg ttctcaagca gatgaattct 1080
4985 cactatgatt ctgagttcca ctttgagttg aagattgttg gcacagatgg aacagaactg 1140
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4988 <210> SEQ ID NO: 108
4989 <211> LENGTH: 309
4990 <212> TYPE: DNA
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4995 ctggatgaag ccaatgacct taaaaatgca ctgtacaagc tgcagaatga tcagggtccc 120
4996 aatggatatg aatcaatagc cggttacctt ggctatccat tcctctgcc cgaacatggt 180
4997 gaagaccagt acgcatgctg tgtccacgga atgcctgtat ttccacattg gcacagaactt 240
4998 catacaatcc agtttgagag agctctcaaa gaacatggtt ctcatattgg tctgccatac 300
4999 tgggactgg

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E--> 5005

*delete*

*FBI* Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.



## VERIFICATION SUMMARY

PATENT APPLICATION: US/10/049,988

DATE: 03/05/2002

TIME: 14:00:59

Input Set : A:\seqlist-1.txt

Output Set: N:\CRF3\03052002\J049988.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:439 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:15  
L:1940 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:39  
L:2860 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:62  
L:4152 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:79  
L:4664 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:95  
L:4969 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:107  
L:5005 M:254 E: No. of Bases conflict, LENGTH:Input:8 Counted:309 SEQ:108